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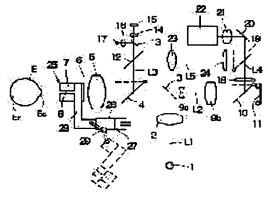
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#### (54) OPHTHALMOLOGIC DEVICE

### (57)Abstract:

PURPOSE: To prevent the device from becoming large in size, and to compound a tonometer and other ophthalmologic device without spoiling functionality and operability.

CONSTITUTION: A luminous flux from an intraocular pressure measuring light source 17 passes through an objective lens 5, and the inside of a nozzle 6 and is projected to the cornea Ec of an eye E to be examined. The reflected luminous flux by the cornea Ec is photodetected as a cornea-reflected image by a photodetector 16. Compressed air is exhausted to the cornea Ec from a nozzle 8, and the cornea Ec is pressed flatly. From pressure in a cylinder 26 at the time point when an output of the photodetector 15 becomes maximum, intraocular pressure is measured. At the time of photographing a fundus oculi, a pressure measuring unit 25 is rotated centering around a pivot 29, and saved from an optical path L1. A luminous flux from an eve ground illuminating light source 1 is projected to the



fundus oculi Er of the eye E to be examined, and a reflected luminous flux by the fundus oculi Er is reflected by a spring-up mirror 10, and photographed as an image of fundus oculi by a video camera 20. Also, when the spring-up mirror 10 is retreated from the optical path, the image of fundus oculi is photographed on a film 11.

## **LEGAL STATUS**

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